

	Type	Ref #	Hits	Search Text
1	IS&R	S3	208	(62/630).CCLS.
2	IS&R	S4	195	(62/935).CCLS.
3	BRS	S6	36	S5 and pyrolysis
4	IS&R	S2	93	(62/622).CCLS.
5	BRS	S7	6	("4167402" "5253479" "5452581" "5678424" "5689032" "5884504").PN.
6	BRS	S5	381	(S2 or S3 or S4) and @pd<="20001207"
7	BRS	S8	31	(S2 or S3 or S4) and @pd<="20001207" and Ethylene and pyrolysis
8	BRS	S9	30	(S2 or S3 or S4) and @pd<="20001207" and Ethylene and pyrolysis and hydrocarbon
9	IS&R	S11	3	(("5253479") or ("5452581") or ("5678424")).PN.
10	BRS	S10	28	(S2 or S3 or S4) and @pd<="20001207" and Ethylene and pyrolysis and hydrocarbon and fractionat\$4
11	IS&R	S1	1	("6578378").PN.
12	IS&R	S12	93	(62/622).CCLS.
13	IS&R	S13	213	(62/630).CCLS.
14	IS&R	S14	195	(62/935).CCLS.
15	IS&R	S16	195	(62/620).CCLS.
16	BRS	S15	2	(S13 or S14 or S12) and @pd>="20060531"
17	BRS	S17	11	S16 and @pd>="20060531"
18	BRS	S19	6	("4167402" "5253479" "5452581" "5678424" "5689032" "5884504").PN.
19	IS&R	S18	1	("6578378").PN.
20	IS&R	S21	216	(62/630).CCLS.
21	IS&R	S22	195	(62/935).CCLS.
22	IS&R	S20	93	(62/622).CCLS.
23	IS&R	S24	200	(62/620).CCLS.
24	BRS	S23	381	(S20 or S21 or S22) and @pd<="20001207"
25	BRS	S25	456	(S20 or S21 or S22 or S24) and @pd<="20001207"
26	BRS	S27	0	(S20 or S21 or S22 or S24) and ((process or method) and cooling and liquefying and evaporat\$4 and propylene and ethylene and ethane and hydrogen).clm.

	DBs	Time Stamp
1	US-PGPUB; USPAT	2006/02/09 12:48
2	US-PGPUB; USPAT	2006/02/09 12:49
3	US-PGPUB; USPAT	2006/02/09 12:50
4	US-PGPUB; USPAT	2006/02/09 12:51
5	US-PGPUB; USPAT; USOCR	2006/02/09 12:52
6	US-PGPUB; USPAT	2006/02/09 12:54
7	US-PGPUB; USPAT	2006/02/09 12:55
8	US-PGPUB; USPAT	2006/02/09 13:04
9	US-PGPUB; USPAT	2006/02/09 13:07
10	US-PGPUB; USPAT	2006/02/09 13:17
11	US-PGPUB; USPAT	2006/08/09 10:03
12	US-PGPUB; USPAT	2006/08/09 10:04
13	US-PGPUB; USPAT	2006/08/09 10:04
14	US-PGPUB; USPAT	2006/08/09 10:04
15	US-PGPUB; USPAT	2006/08/09 10:13
16	US-PGPUB; USPAT	2006/08/09 10:18
17	US-PGPUB; USPAT	2006/08/09 10:18
18	US-PGPUB; USPAT; USOCR	2006/11/29 12:52
19	US-PGPUB; USPAT	2006/11/29 12:52
20	US-PGPUB; USPAT	2006/11/29 12:55
21	US-PGPUB; USPAT	2006/11/29 12:55
22	US-PGPUB; USPAT	2006/11/29 12:55
23	US-PGPUB; USPAT	2006/11/29 13:00
24	US-PGPUB; USPAT	2006/11/29 13:00
25	US-PGPUB; USPAT	2006/11/29 13:01
26	US-PGPUB; USPAT	2006/11/29 13:04

	Type	Ref #	Hits	Search Text
27	BRS	S30	0	(S20 or S21 or S22 or S24) and (cool\$4 and liquefying and evaporat\$4 and propyene and ethylene and ethane).clm.
28	BRS	S28	0	(S20 or S21 or S22 or S24) and ((process or method) and cooling and liquefying and evaporat\$4 and propyene and ethylene and ethane).clm.
29	BRS	S29	0	(S20 or S21 or S22 or S24) and (cooling and liquefying and evaporat\$4 and propyene and ethylene and ethane).clm.
30	BRS	S26	0	(S20 or S21 or S22 or S24) and ((process or method) and cooling and liquefying and evaporat\$4. and (heat adj exchang\$3) and propyene and ethylene and ethane and hydrogen).clm.
31	BRS	S33	61	(S20 or S21 or S22 or S24) and (ethylene and ethane).clm.
32	BRS	S32	0	(S20 or S21.or S22 or S24) and (propyene and ethylene and ethane).clm.
33	BRS	S34	6	("4167402" "5253479" "5452581" "5678424" "5689032" "5884504").PN.
34	BRS	S35	4	(pyrolysis and hydrocarbon and fractionat\$3 and evaporat\$3).clm.
35	BRS	S36	50	(hydrocarbon and fractionat\$3 and evaporat\$3).clm.
36	BRS	S37	20	(hydrocarbon and fractionat\$3 and evaporat\$3 and distillat\$3).clm.
37	BRS	S39	2	(hydrocarbon and fractionat\$3 and evaporat\$3 and distillat\$3 and (heat adj exchang\$2) and propylene and ethylene and ethane).clm.
38	BRS	S38	8	(hydrocarbon and fractionat\$3 and evaporat\$3 and distillat\$3 and (heat adj exchang\$2)).clm.
39	BRS	S31	0	(S20 or S21 or S22 or S24) and (evaporat\$4 and propyene and ethylene and ethane).clm.
40	IS&R	S40	93	(62/622).CCLS.

	DBs	Time Stamp
27	US-PGPUB; USPAT	2006/11/29 13:04
28	US-PGPUB; USPAT	2006/11/29 13:04
29	US-PGPUB; USPAT	2006/11/29 13:04
30	US-PGPUB; USPAT	2006/11/29 13:04
31	US-PGPUB; USPAT	2006/11/29 13:05
32	US-PGPUB; USPAT	2006/11/29 13:05
33	US-PGPUB; USPAT; USOCR	2007/01/31 11:34
34	US-PGPUB; USPAT; USOCR	2007/01/31 11:38
35	US-PGPUB; USPAT; USOCR	2007/01/31 11:39
36	US-PGPUB; USPAT; USOCR	2007/01/31 11:49
37	US-PGPUB; USPAT; USOCR	2007/01/31 11:52
38	US-PGPUB; USPAT; USOCR	2007/01/31 11:52
39	US-PGPUB; USPAT	2007/01/31 11:56
40	US-PGPUB; USPAT	2007/01/31 11:57

	Type	Ref #	Hits	Search Text
41	IS&R	S43	207	(62/620).CCLS.
42	BRS	S44	8	(S40 or S41 or S42 or S43) and @pd>="20061204"
43	IS&R	S42	195	(62/935).CCLS.
44	IS&R	S41	220	(62/630).CCLS.

	DBs	Time Stamp
41	US-PGPUB; USPAT	2007/01/31 11:57
42	US-PGPUB; USPAT	2007/01/31 11:57
43	US-PGPUB; USPAT	2007/01/31 11:57
44	US-PGPUB; USPAT	2007/01/31 11:57